



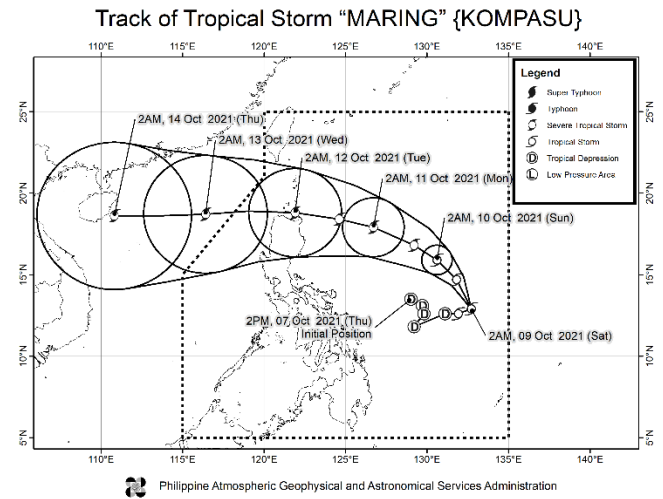
TROPICAL CYCLONE BULLETIN NO. 7
Tropical Storm "MARING" (KOMPASU)

Issued at 5:00 AM, 09 October 2021

Valid for broadcast until the next bulletin at 11:00 AM today

TROPICAL STORM "MARING" INTENSIFIES FURTHER AND REMAINS A LARGE TROPICAL CYCLONE

Location of Center (4:00 AM)
The center of Tropical Storm "MARING" was estimated based on all available data at 875 km East of Catarman, Northern Samar (12.9°N, 132.7°E)
Intensity
Maximum sustained winds of 85 km/h near the center, gustiness of up to 105 km/h , and central pressure of 992 hPa
Present Movement
East Northeastward at 15 km/h
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 600 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 09 October 2021	14.7	131.8	1,095 km East of Southern Luzon	85	TS	NNW 20
24-Hour Forecast 2:00 AM 10 October 2021	15.9	130.6	970 km East of Central Luzon	85	TS	NW 15
36-Hour Forecast 2:00 PM 10 October 2021	16.8	129.2	755 km East of Casiguran, Aurora	95	STS	NW 15
48-Hour Forecast 2:00 AM 11 October 2021	17.9	126.7	530 km East of Tuguegarao City, Cagayan	100	STS	WNW 25
60-Hour Forecast 2:00 PM 11 October 2021	18.4	124.6	315 km East of Aparri, Cagayan	100	STS	WNW 20
72-Hour Forecast 2:00 AM 12 October 2021	18.8	121.9	Over the coastal waters of Calayan, Cagayan	100	STS	W 25
96-Hour Forecast 2:00 AM 13 October 2021	18.7	116.4	535 km West of Calayan, Cagayan (outside the PAR)	95	STS	W 25
120-Hour Forecast 2:00 AM 14 October 2021	18.6	110.8	1,035 km West of Northern Luzon (outside the PAR)	95	STS	W 25

Prepared by: **RPG**

Checked by: **SFD**



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TROPICAL CYCLONE WIND SIGNALS IN EFFECT

No Tropical Cyclone Wind Signal is currently in effect.

HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- Today, moderate to heavy rains are possible over Eastern Visayas and Dinagat Islands. Light to moderate with at times heavy rains are also possible over Bicol Region and the rest of Visayas and Caraga.
- Beginning this afternoon or evening, light to moderate with at times heavy rains may also begin affecting Palawan and Occidental Mindoro as the southwesterlies enhanced by “MARING” begin affecting these areas.
- Under these conditions, isolated to scattered flooding (including flash floods) and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps

Severe Winds

- Due to the expansive wind field of the tropical storm, occasionally gusts reaching strong breeze to near gale in strength may still be experienced over Eastern Visayas, Caraga, Catanduanes, Albay, and Sorsogon even in the absence of a wind signal.
- Current forecast scenario that there is moderate to high likelihood that Tropical Cyclone Wind Signal (TCWS) #1 will be hoisted for some localities in Northern Luzon beginning today or tomorrow in anticipation of the arrival of strong breeze to near gale conditions with higher gusts. The highest possible wind signal for this tropical cyclone remains TCWS #2.
- Due to the expansive wind field of “MARING”, the uncertainty in its interaction and possible merging with Tropical Depression “NANDO”, and the track and intensity forecast post-merger, there is a possibility that areas outside Northern Luzon may also be placed under TCWS and that a higher wind signal may still be hoisted within the forecast period.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of Tropical Storm “MARING”, a Gale Warning is in effect for eastern seabords of Southern Luzon, Visayas, and Mindanao. For more information, refer to Gale Warning #2 issued at 5:00 AM today.
- In the next 24 hours, moderate to rough seas will prevail over the eastern seabords of the country that are not under Gale Warning and the western seaboard of Luzon. These conditions are risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Both “MARING” and Tropical Depression “NANDO” are presently embedded within the larger circulation of a monsoon depression. A near-term erratic movement remains likely in the next 24 hours as the circulations of both “MARING” and “NANDO” interact with each other in a potential merger event. Afterwards, the resulting merger, likely dominated by “MARING”, is forecast to move northwestward and west northwestward until Monday before turning westward by Tuesday. On the forecast track, the storm will cross the Luzon Strait and pass over or close to Batanes and Babuyan Islands between Monday evening and Tuesday morning.
- “MARING” may likely persist in the merger event with “NANDO”, which may take place within the next 36 hours. The resulting merger cyclone is forecast to continue intensifying within the forecast period and may reach severe tropical storm category within 36 hours.
- Considering the trend of changes in the forecast scenario in previous bulletins and the uncertainty surrounding the interaction and merger event between “MARING” and “NANDO”, there is a moderate to high likelihood that changes may still occur in the track and intensity outlook for this tropical depression in the next bulletin.

Prepared by:  **RPG**

Checked by:  **SFD**



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and Astronomical
Services Administration (PAGASA)
Weather Division



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Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

Unless superseded by an intermediate bulletin the next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

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Checked by:  SFD